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012639200 **Image available**

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Ink jet printer for high-speed printing

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Number of Countries: 001 Number of Patents: 001

Patent Family:

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Abstract (Basic): DE 19803827 A1

NOVELTY - The ink jet printer has a printing head (9,10) mounted on a carriage (8), its ink feed channels coupled to an ink tank (12,13) of relatively small capacity incorporated in the carriage and supplied from a stationary ink tank with a regulated ink level. The stationary tank is supplied with ink from a supply (5) at a higher level using a hose pump with a valve (14a) for selectively blocking the ink line (15a) via a valve element.

USE - The ink jet printer is used for high-speed printing.

ADVANTAGE - The valve prevents leakage of ink during transport of the printer.

DESCRIPTION OF DRAWING(S) - The figure shows a principle diagram of an ink jet printer.

Ink supply (5)

Carriage (8)

Printing head (9,10)

Valve (12,13)

Carriage ink tank (14a)

Ink line (15a)

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Title Terms: INK; JET; PRINT; HIGH; SPEED; PRINT

Derwent Class: P75; T04

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